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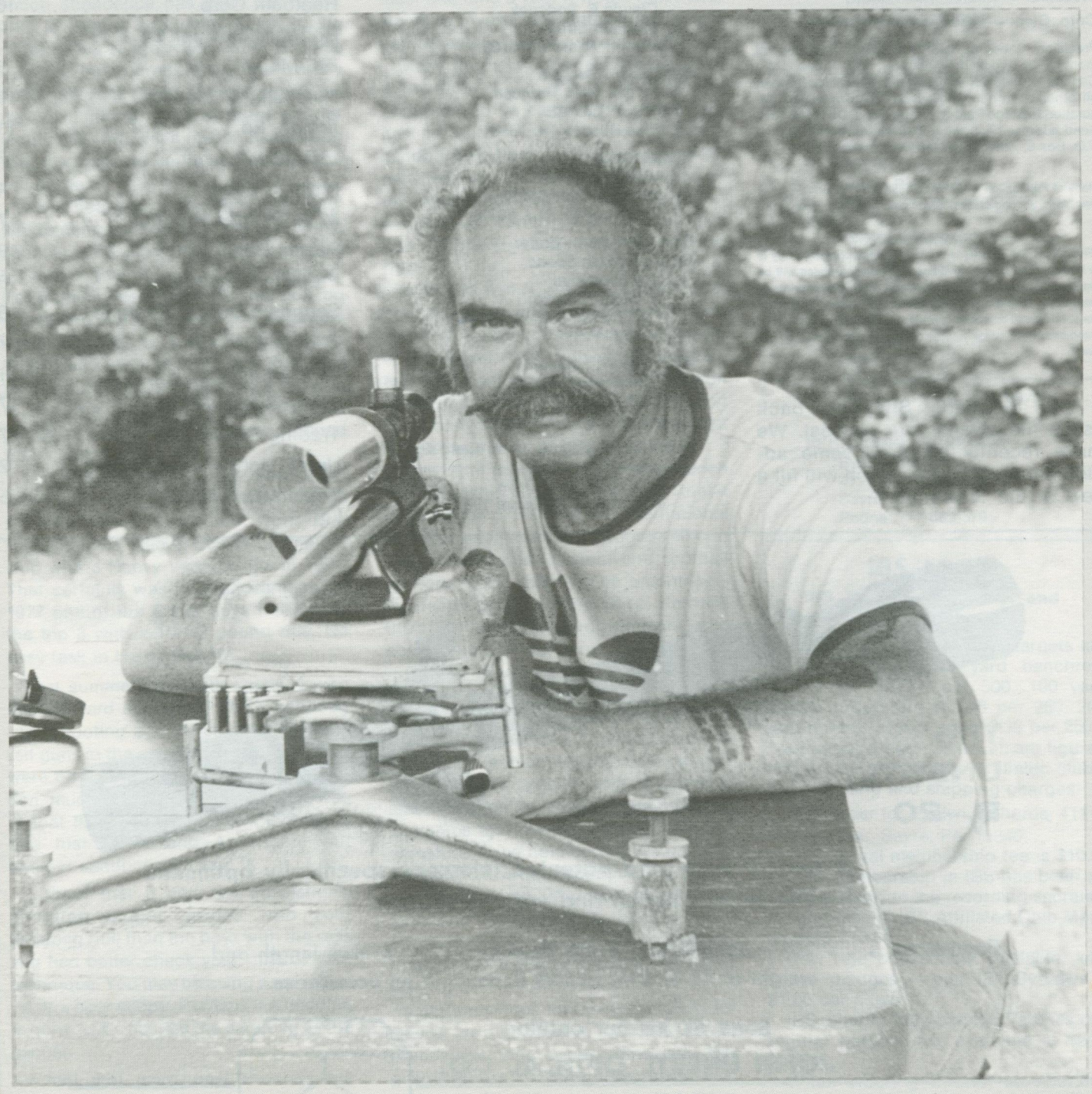
Precision SHOOTING

a magazine for shooters by shooters



PRECISION SHOOTING

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The Precision Shooting back issue file awaits your request. We have recently acquired some additional back issues which will fill a few of the lower piles.

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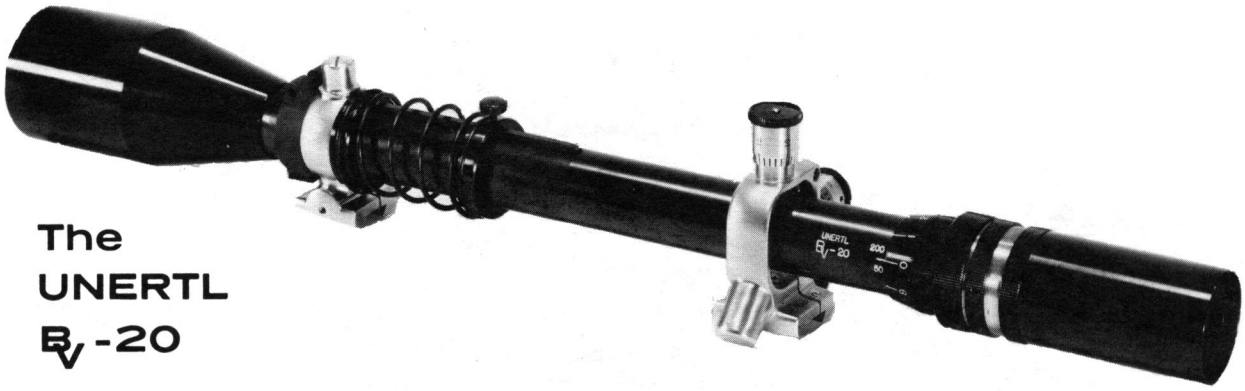

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Let's Try To Save The Big Gun

by Lloyd Richards,
411 N. Wilbur Ave.,
Sayre, Pa. 18840

Presently the Heavy Bench class is in poor health. If we all work to save it perhaps it will begin to grow again.

In the past 2 or 3 years Heavy Bench match attendance has been very light. This is easy to see when you attend a match on a range where one of these events is being fired. I have heard many reasons for the death of this class. In my way of thinking many of them are not legitimate. I will list a few of these along with my opinions on them. Perhaps you will agree.

Many heavy gun shooters are reluctant to compete against a rail gun with a sandbag rifle. They feel it is unfair. My feeling is that this is a poor attitude. Remember when we took the poll on combining both classes? The shooters voted by 70% to make it one class. Where are they now? I am sure that all of us have spoken out against the rail gun at one time or the other. If this has happened a shooter or two has dropped from competition.

My personal view is that there is no advantage, one over the other. We all have the option to go both ways. Bob Hart won the Heavy Bench championship with a Heavy Varmint rifle in 1974. That certainly was no disadvantage. In 1977 one of the Euber boys finished in the top 3 with a 10-1/2 pound rifle. No easy task in Heavy Bench.

Last summer, at South Creek, I won the 100 yard aggregate with a sandbag rifle, shooting against some of the best rail guns in the country. The fellows who were operating them are, in my estimation, much more experienced than I was at that time. I shot poorly at 200 yards and lost the Grand Aggregate but another sandbag rifle won it.

I think that if you are consistantly shooting bigger groups with your sandbag rifle than the boys with the rails you had better check your rifle, or your technique. You may be using a worn barrel or a poor scope. Perhaps the bedding is gone. Let's not use the sandbag as the excuse.

I feel that many new shooters are being discouraged from building a Heavy Bench rifle by other shooters. The reason is simply that there are not many Heavy Bench matches being held. If all the ranges would try to include the heavy gun in their match schedule at least one time a year it would help. Who wants to invest the money in a rifle that can be used once or twice a year?

Many shooters are afraid of the cost of a rail gun, which many shooters feel necessary to be competitive. A rail gun can be built for only a bit more than a sandbagger. Rear rests and a new front rest head are all that will be needed. A few more matches for the heavy gun would make it well worth the effort for a new shooter to invest in a Heavy Bench rifle.

With the heavy gun the shooter can concentrate on wind and mirage instead of worrying about the holding problems of the lighter rifles. Between the muzzle and the target is where matches are won or lost. If you can learn what is going on out there you will soon see improvement in your scores in all classes.

One other problem is the Heavy Bench championship in September. I feel that it appears too close after the International Championship. A lot of shooters like to call it quits when school and football seasons start. This may be a contributing factor in poor attendance. Perhaps the 100 and 200 yard championship could be moved forward.

Getting off on a related subject I feel that the 10-1/2 pound Light Varmint is almost a thing of the past. Perhaps there will be only one 10-1/2 pound class and the Heavy Varmint class at some point in the future. It appears that this would leave an opening for the Varmint Championships and the Heavy Bench Championships to be held on the same week. Perhaps this would encourage a 3 Gun Aggregate of 10-1/2 pound, Heavy Varmint and Heavy Bench. Maybe more shooters would use their Heavy Bench rifles if they wanted a crack at the 3 Gun Aggregate.

I certainly hope that this article sparks some Heavy Bench competition. Remember that these rifles are the grandfathers of benchrest shooting. Let's not allow them to become a thing of the past.

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IBS Memo

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"The Editor's Hour"

When we mentioned that we had a good idea back in the February issue, and expounded on the possibility of the 3 Gun Aggregate being changed, we had no idea that the response would be so good or so interesting.

While I do not claim any responsibility for the originality of the idea I felt that the time for change was near and threw out what looked like the best way to go. Apparently I put all of the vibrations of many into what just might be a workable solution to the problem. I certainly hope so.

Responses are arriving from all over and they are as varied in attitude as they are in geography. Basically they indicate a need for change and a willingness to look into the matter. I will not go into all of them here but will try to hit a few high points in this column.

Many indicate that the Heavy Bench rifle deserves more of a break than it has gotten. There is no argument there. Some do not like the present two 10-1/2 pound classes. One rather solid competitor even predicted the eventual demise of the Heavy Varmint due to the ultimate success of the 10-1/2 pound rifle, with no mention of Light Varmint or Sporter—just 10-1/2 pounder. Keep that one on the back burner for future reference in some 25 years ago column Al.

Paul Kempfer suggested that the LV, HV, HB 3 Gun route would uncomplicate vacation scheduling and travel expenses. The entire championship, excluding 200-300 yard, could be taken care of in one week. In addition one set of trophies would be saved for a substantial savings for the organization. A few good ideas from an experienced shooter. Thanks Paul!

One obvious fact is that there are a lot of good Heavy Bench rifles in closets all around the world. Why not put them to good use.

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Look elsewhere in this issue for comments on this from Fred Sinclair and Lloyd Richards. Perhaps a waking giant is on the move within our ranks. More as it appears.

* * * *

Normally, the March issue carries the Super Shoot release. The Postal Service did a number on us and it failed to arrive. It is carried elsewhere in this issue. The information you will see is a bit more current than the old release anyhow so there is no real loss.

* * * *

We are happy to report that the BR brass situation is on schedule as mentioned in February. Howard Meadows indicated that there were no problems when we talked a week ago (mid February). That can only be good news for BR owners and enthusiasts. We will keep you posted.

* * * *

There is good news and bad news in this next item. Jim Stekl has recently been promoted to Supervisor of Product Services for Remington Arms Company. His new position will carry responsibility plus the opportunity to serve the shooters of the world. We congratulate Jim on this promotion.

Jim indicates that it might reduce his active participation in shooting due to travel commitments and obligations unforeseen. That is the bad news for Jim is always a welcome addition to any event. A friend to many, not to mention a mighty good competitor, in many places; he will be missed if the job gets in the way. We hope that Jim can have the best of both worlds.

* * * *

As this was being prepared, word reached us that the DCM program is in trouble. For those who may not know it the DCM is the Director of Civilian Marksmanship, Department of the Army. This is the program that teaches so many young people the fundamentals of marksmanship and basic concepts of safety. Thousands of clubs across the country are DCM supported with rifles on loan, and ammunition made available, so that the youth of this country can share in a heritage that many would destroy.

Using just one example; my rifle club at the school where I teach serves from 15 to 25 young shooters per year. Mine is not a large club, on a national scale, but we have a lot of fun, learn safety and basic marksmanship and grow in the process. That is good for kids. The kind of self-discipline needed for shooting is a plus for anyone who is faced with the complexities of modern life. Faced with the possibility of no funds all that may stop.

We suggest that you get the letters flowing to your elected representatives and express your feelings. Congress can put the funds back if we will it. Let your voice be heard. If we speak loud enough, often enough, the message may stay where it belongs. We all need your support.

* * * *

For some time now you have been reading an ad for GTB bullets. The GTB is for Group Tightener Bullets and it is a good name. We have been working with some 63 and 68 grain versions of this product in 6mm for some time now.

To date we have found that these bullets are "As good as any and better than some." After shooting a few boxes out of a 6PPC Sporter at the winter shoots we are pleased with their performance. Granted, winter shoots are not the place for bullet testing; we chose to test them now as this is the only place to shoot at the moment. With no summer weather on hand and no plans for vacation to warmer climes we made do with what was on hand.

Next month Rick Hornbeck presents a test of these bullets. Not wanting to steal his thunder we will only suggest that you look for his report. It is interesting! They do shoot and the mechanical evaluation of this product backs up the actual shooting tests. Look for GTB and Hornbeck in May.

Cover Story

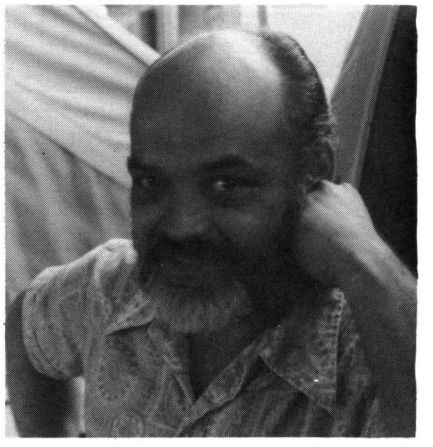
This month we move west for our cover picture. Glen Price, from California, is featured for his record performance at the 200 and 300 yard championship at Mainville, PA on August 5 and 6 of 1978.

Shooting a 6 x 47 Sporter Glen compiled a new Heavy Varmint Grand Aggregate of .3717. Although Glen was not the winner of either yardage, his best was second at 200 yards, he did manage to perform steadily on both days to take the lead and the record.

Our best wishes to Glen for a good shooting performance. We enjoyed being there as the targets developed into a fine record. May there be more!

From The Workbench

by Fred Sinclair



Please direct all questions to:
Precision Shooting "Workbench," Box 6, Athens, Pa. 18810
No individual answers will be given to workbench questions.

Our editor's note in the February issue regarding the duplicate 10-1/2 pound classes is one of the soundest answers to the problem I've heard yet.

For several years now both I.B.S. and N.B.R.S.A. have kicked this thing around with the results being their normal par.

In the past we have heard several suggestions as to how to resegregate the classes such as: weight reductions, lower power scope restrictions or caliber increase. None of these have been well received within the political ranks of either organization.

I for one have no desire to complete in the "big gun" class as it presently stands but would likely reconsider if it became part of the Three Gun Aggregate.

The cost of equipping yourself to compete with a "big gun" might make some competitions shy away but it is worth some consideration.

You readers who are members of either, or both, organizations should let the "powers" know how you feel regarding this subject.

Regardless of how you feel, let's take the que from our editor and be heard.

After all **YOU** are the I.B.S. and N.B.R.S.A.

My December article regarding the quality of some of the items we shooters are presently having to put up with brought a lot of reader's comments.

Quite honestly I was somewhat surprised at the number of readers who gave me a vote of confidence. I do appreciate that "troops"; maybe we can get some changes made.

I also received a call from Nolan Jackson of Wichita Engineering, the only manufacturer who was interested enough to contact me, he was concerned that the comment I made about a custom action might have been one of his.

During our conversation I was impressed by his concern in relation to their feelings regarding the value they put on the acceptance of their products. They want to know what you people think!

By the way, my comments in the December issue were not regarding one of their actions.

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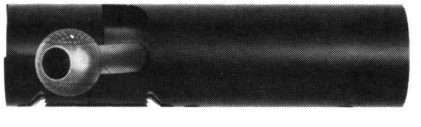

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BOOK REVIEW

By John C. Benyo

THE MUZZLE-LOADING CAP LOCK RIFLE
By Ned H. Roberts
4th ed.,
York, Pa.,
Shumway, 1978,
308 pp.,
223 illust.

First published in 1940 and currently in its 4th edition, Roberts' classic is again available, now as part of Shumway's famed "Longrifle Series". With the exception of enlarged illustrations and additions to two biographical sketches, it is unchanged from the previous edition. While it deals only with muzzleloaders, it is of significance to anyone interested in precision rifles and accurate shooting. One might even call it a forerunner to Page's **Accurate Rifle.** It is a thoroughly enjoyable and informative work, and through it, today's benchrest shooter can learn something of his shooting "Roots".

While other books in this series focus primarily on the artistic and historical aspects of the classic "Kentucky" rifle, Roberts concentrates on the cap lock era immediately preceding, and following, the Civil War. That period saw many shooters and gunsmiths alike more concerned with accuracy than with style or decoration.

In his own charming narrative, Roberts, himself a noteworthy figure in the annals of shooting, relates his experience with the men and rifles of that time. He discusses in detail things like: types of rifling, loading, bullet-making, cleaning, sights, accessories, tools, and gunsmithing practices that produced accuracy unheard of prior to that time. Yes, they worried about bullet alignment in those days too! He gives accounts of numerous early matches, including a detailed account of the famed Creedmoor Match of 1874. He supplies biographical data on a number of the "old master" target riflesmiths of that era such as: Norman Brockway, William Billinghurst, Morgan James, Horace Warner, and many others. Numerous targets are reproduced to illustrate accuracy. Additional chapters cover such things as: Roy S. Tinney's delightful account of a "modern" cap lock match held at "Jimtown", Tenn. in 1942 that saw W.W. 1 hero Alvin York compete, hunting rifles, the building of a classic "Kentucky" rifle, a directory of cap lock riflesmiths, and numerous other related topics.

After reading this work, one can only marvel at the accuracy obtained with the rifles of that era, rifles built without benefit of electricity or sophisticated machinery. While a special group of our black powder brothers preserves this type of shooting, often with original rifles, the modern benchrest shooter also has a great deal in common with these accuracy pioneers, owing them much in terms of rationale, technique, and experimentation.

Roberts' work and others in the "Longrifle Series" are worthwhile studies that will be of lasting value to the shooter, historian, artist, and librarian alike.

Available at $24.50 from George Shumway Publisher, RD 7 Box 388-B, York, Pa. 17402. Add $1.00 for postage and handling, Pa. residents include 6% sales tax. Also available from Track of the Wolf Co., Box Y, Osseo, Minn. 55369. Add postage.

"Benchrest '79" School for Shooters

THE STAFF — Al Angerman (history of benchrest shooting, selected experiments); **Alan Euber** (wind, mirage and condition reading, competitive shooting ability, match pressure); **Clyde Hart** (measuring and scoring, rifle barrels and gunsmithing); **Wally Hart** (host and basics of range operation); **Lt. Col. (Ret) Rick Hornbeck** (mechanical aspects of our game, basic reloading, the international situation and the referee in benchrest); **Ritchie R. Moorhead** (will serve as coordinator); **M.H. Walker** (bullet making, ballistic design, historical development of benchrest, reloading); **Myles Hollister** (troubleshoot the benchrest rifle and topics of interest).

Precision Shooting Magazine announces Benchrest '79, a school for shooters.

This pilot program will offer the shooter a solid background in the areas of benchrest shooting and related activity. It is open to shooters of any experience level. We can all learn together.

The dates will be August 1, 2 and 3. This is the 3 day period immediately before the August 4 and 5 match at the Council Cup Range. Council Cup, one of the finest ranges in the world, offers outstanding opportunities and interesting challenges to those who shoot there. It is a fine learning ground for the shooter.

"Benchrest '79" will feature a staff (to be announced) of experts who will take the student through all phases of the benchrest sport from basic equipment and techniques up to mirage and the fine points of gunsmithing and riflery. The many facets of this interesting activity will be examined in informal workshops and shooting sessions. Student activity will be the base for all events.

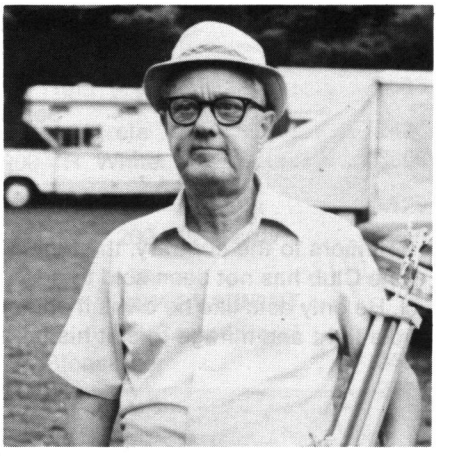
The cost for the program will be $125.00 per shooter. This will include the 3 days of instruction, 3 midday meals, coffee breaks and the Heavy Varmint registration fee for the match on the 4th. and 5th. (Other classes are the responsibility of the individual.)

To assure a place on the roll for this school forward a $40.00 deposit to Precision Shooting, Inc. "Benchrest '79", P.O. Box 6, Athens, PA 18810. The balance will be due by July 15, 1979. Refunds for cancellation will be granted until July 28, 1979.

There is a possibility that a limit on the number of participants may have to be set. Act now to assure your participation.

Camping will be available on the range. Electrical hookups will cost $1.00 per day. Only the noon meal will be provided on the range. Individuals will be responsible for morning and evening meals.

Benchrest Headlines — 25 Years Ago



by A. H. Angerman

- "Crawf" Hollidge wrote an appealing article on the advantages of a classification system for bench rest shooters. It was his opinion that a lot of potential new shooters shyed away from active competition because they felt hopelessly outclassed in shooting ability and disliked their mandatory cash pool match entry fees serving to forever fatten the awards of the winers. Crawf's proposed classification scheme was destined to have no more chance of surviving than that of a snowflake in a power house boiler room.
- Bob Hart scheduled a non-registered .22 rim fire bench rest shoot at the Nescopeck Rifle Club range in Nescopeck, Pa. A photo revealed that the range was located at a point other than what is now the Council Cup Range.
- Rod Janson, Seattle, Wash. attempted to inspect and photograph the inside surfaces of bench rest barrels using a resectoscope. This instrument is, or was, some kind of device similar to what is also known as a borescope. Rod had trouble getting photos so he eventually sectioned a number of good and poor shooting barrels, finding smooth and rough metal surfaces respectively; as one would expect.
- New clubs were springing up throughout the country. One in Windsor, Ill. was sparked by Ted Holmes. A Mount Clemens, Mich. club held non-registered shoots regularly. Clubs in Savona, N.Y. and in Pittsburgh, Pa. were reported under construction, while one in Elgin, Ill. had twenty permanent benches for all kinds of matches at 100 and 200 yards. All of these clubs have seemingly disappeared from the bench rest scene.
- Fred Ellis, a bench rest shooter from Sulsun, Cal. reported on the use of plastic as a bedding material, claiming outstanding improvements in rifle performance. Was he one of the first to try plastic bedding on a bench rifle? Apparently its use was not exactly new as many of the smallbore shooters were already familiar with, and using, similiar techniques on their rifles.
- Brunon V. Boroszewski, the bench rest shooting lawyer and experimentalist from Rochester, N.Y. theorized that minimum holding error prevails when the entire weight of a rifle is rested on its center of balance, i.e. at or near its center of gravity. For a heavy bench rifle he figured this point should be positioned on the front rest, the rear rest acting no more than a rotational stop. Bruno's idea was that the gun would then recoil against its own mass with minimum shooter contact to disturb the let off. Perhaps this is why he monkeyed around with so called bullpup rigs. In any event I don't think his theory held water to the point where everyone balanced his gun on the front rest.
- In my November 1978 column I stated that to my knowledge there were only four "Ultimate In Rifle Precision" yearbooks published. Fellow historians Frank Hubbard and Bob Bump set the record straight by sending me a photo of **five** yearbooks neatly adorning the top of an orderly looking reloading bench. Publication years were 1949, 1950, 1951, 1954 and 1958.

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September 23-24, 1978
Pine Tree Rifle Club,
Johnstown, NY
By Austin W. Hogan

Rumors to the contrary, the Pine Tree Rifle Club has not been sold to Joe Vinci. He only acts like he owns it and controls light and mirage to suit his tastes.

A total of 60 shooters turned out to enjoy beautiful fall weather and a combined Heavy-Light Varmint and Heavy Varmint-Heavy Bench event. Of a total of 54 Heavy Varmint competitors 35 elected the Varmint Aggregate and 11 pioneered the first (to our knowledge) Heavy Varmint-Heavy Bench Aggregate.

Joe Vinci continued his domination of the Pine Tree range with wins at 200 yards Heavy Varmint of .2867, the Heavy Varmint Grand with 2928 and the Varmint Aggregate with .3326.

Saturday morning's 100 yard Heavy Varmint event was delayed two hours by a heavy fog which formed after the shooters had taken to their benches for match 1. Through great cooperation from all hands things moved rapidly once nature cooperated. We managed to pick up the lost time through the day.

The morning calm helped Joe Vinci fire the best group of the day, a .119. Dr. Palmisano held on and took the 100 yard aggregate with .2760.

The wind and mirage picked up during the afternoon. Eli Elithorpe came up with the best Light Varmint group at .165 while Art Blensinger put together a .2718 Light Varmint aggregate. John Trela swept the Heavy Bench (five shot) event with a best group of .129 and an aggregate of .2426.

The fog held off Sunday morning but the meteorological antithesis of fog is wind and instability. We had a lot of both. Joe Vinci could not be intimidated by the conditions, having it his way with a small group of .241 and an aggregate of .2867. This was enough to give him a winning Grand Aggregate of .2928. Bill Lent was second with .3278 and Dr. Palmisano was third with .3308.

Things became even more challenging after dinner. Eli Elithorpe repeated with a Light Varmint group of .452 while Joe Vinci kept up his pace from the

WINNING EQUIPMENT AND LOADS USED
PINE TREE OPEN—SEPTEMBER 23, 1978
Pine Tree Rifle Club, Johnstown, New York

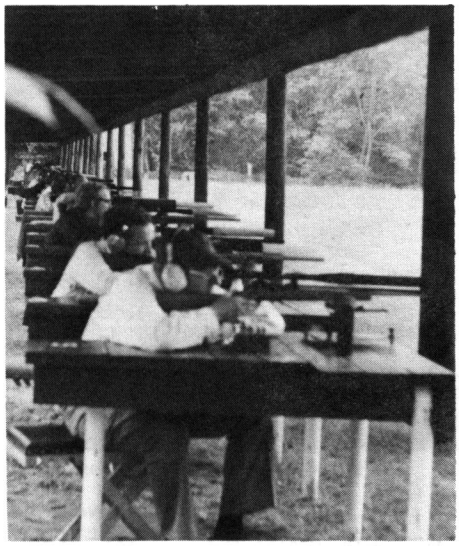
VARMINT AGGREGATE — 35 Competitors

Competitor		Caliber	Action	Scope	Bbl%Dist.	Gunsmith	Stocker	Case	Load	Bullet	Primer
1. J. Vinci	.3326 HV	6PPC	Hart	Red. 32	McMillan	Butler	Meyer	Sako	28.5 N	Euber	Fed
	LV	6PPC	Hart	Ly 30	McMillan	Butler	Self	Sako	28.5 N	Euber	Fed
2. W. Lent	.3641 HV	6PPC	SL 700	Leu 24	Hart	Masker	Masker	Sako	28/H322	Euber	205
	LV	6PPC	40X	Leu 24	Hart	Masker	Self	Sako	27.5/H322	Euber	205
3. A. Blensinger	.3705 HV	6PPC	40X	Ly 25	Hart	Kempfer	Kempfer	Sako	28/H322	Detsch	205
	LV	6PPC	660	Ly 25	Hart	Kempfer	Kempfer	Sako	28/H322	Detsch	205
4. S. Masker	.3715 HV	6PPC	Wichita	Leu 24	Hart	Self	Self	Sako	29/N201	Hollister	205
	LV	6PPC	40XR	Leu 24	Hart	Self	Self	Sako	29/N201	Hollister	205
5. E. Elithorpe	.4109 HV	6PPC	40X	Ly 20	Hart	Butler	Boise	Sako	30/N201	Euber	205
	LV	6PPC	40X	Ly 20	Hart	Butler	Boise	Sako	30/N201	Euber	205
6. C. Mossakowski	.4134 HV	222/	Rem	Ly 25	Hart -14	Self	Self	Rem	23BLC2	Own	Fed
	LV	222/	Rem	Ly 25	Hart -14	Self	Self	Rem	23BLC2	Own	Fed
7. R. White	.4146 HV	22PPC	Shi	Ls 30	Atk. -14	Self	Self	Sako	H4895	Rem 52	205M
	LV	6PPC	SL 600	Ls 30	Scherer-14	Self	Self	Sako	H322	Rem 68	205M
8. R. DeMonstoy	.4243 HV	6	Rem	Ly 20	Hart	Hart	Hart	Sako	H/322	Obruchta	205
	LV	6	Rem	Ly 20	Hart	Masker	Moorhead	Sako	H322		
9. N. Dixon	.4257 HV	22PPC	722SL	Le 24	Hart	Self	Self	Sako	H322	Own	205
	LV	22PPC	40X	LWB20	Hart	Self	Self	Sako	H322	Own	205
10. F. Obrochta	.4358 HV	6PPC	Hart	Red 24	Hart	Masker	Self	Sako	H322	Own	205
	LV	6PPC	RSLV	Leu 24	Hart	Masker	Hart	Sako	H322	Own	205

COMBINED HV — HB AGGREGATE — 7 Competitors

1. R. White	.3533 HV	22PPC	Shilen	Ls 30	Atk.	Self	Self	Sako	H4895	R52	205M
	HB	22RBR	SI721	U 24	Hart	Self	Self	Rem	H322	R52	205M
2. J. Trela	.3826 HV	22/30	700	Le 24	Scherer	White	White	Rem	H322	Own	205M
	HB	6BR	Hart	U 20	Scherer	White	White	Rem	H322	R68	205M
3. R. DeMonstoy	.4054 HV	6	Rem	Ly 20	Hart	Hart	Hart	Sako	H322	Obruchta	205
	HB	6	Rem	Ly 20	Hart	Hart	Hart	Sako	H322	Obruchta	205

Referees:
J. Vinci, G. Maskew, A. Hogan



The firing line at the Pine Tree Range carries memories of many great ones over the years. Perhaps this helps with the good scores that come from this range.

morning to lead at 200 yards with .3858. This wasn't quite enough to edge out Art Blensinger who won with a .3565 Light Varmint Aggregate. Joe Vinci held on for second with .3723 and Seely Masker was third at .3900.

Bill Tardy fired the best Heavy Bench 200 yard group of .484 while Bob White was winning at 200 yards with .3658. This split things up allowing Bill Tardy to take the Heavy Bench aggregate with .3251. Bob White was second with .3471 and John Trela was third with .3683.

The Varmint aggregate went to Joe Vinci, with .3326. Bill Lent was second at .3641 and Art Blensinger was third with .3705.

Bob White led the Heavy Varmint-Heavy Bench combination with .3533. John Trela was third with .3826 and Bob DeMonstoy was third with .4054.

Running two consecutive combined aggregate events was not as difficult as it might appear. The proposal to run such events at future IBS matches appears to be a good one which will provide good competition.

SUMMARY RESULTS

LV - HV AGGREGATE
(35 Competitors)

1. J. Vinci 3326
2. W. Lent 3641
3. A. Blensinger 3705

HV - HB COMBINED AGGREGATE
(7 Competitors)

1. R. White 3533
2. J. Trela 3826
3. R. DeMonstoy 4054

BENCH REST

1. W. Tardy 3251
2. R. White 3471
3. J. Trela 3683

1-100—J. Trela 2426
1-200—R. White 3658

Best Group 100—J. Trela ..... .129
Best Group 200—W. Tardy ..... .484

LIGHT VARMINT
(38 Competitors)

1. A. Blensinger 3565
2. J. Vinci 3723
3. S. Masker 3900

1-100—A. Blensinger 2718
1-200—J. Vinci 3858

Best Group 100—E. Elithorpe .... .165
Best Group 200—E. Elithorpe .... .452

HEAVY VARMINT
(54 Competitors)

1. J. Vinci 2928
2. W. Lent 3278
3. L. Palmisano 3308

1-100—L. Palmisano 2760
1-200—J. Vinci 2867

Best Group 100—J. Vinci ..... .119
Best Group 200—J. Vinci ..... .241

E.B.S.A. MATCHES

HUNTER
August 18 & Varmint for score 9:00
N.J. Hunter Championship

VARMINT
May 5 H.V. 9:00
August 11 H.V. N.J. Varmint Championship 9:00
August 12 L.V. N.J. Varmint Championship 9:00

HEAVY BENCH
April 21 (unregistered) 5:00
May 5 (NBRSA registered) after H.V.

Trophies will be awarded at all matches. Merchandise will also be awarded at state championship shoots.

For further Information, Contact:
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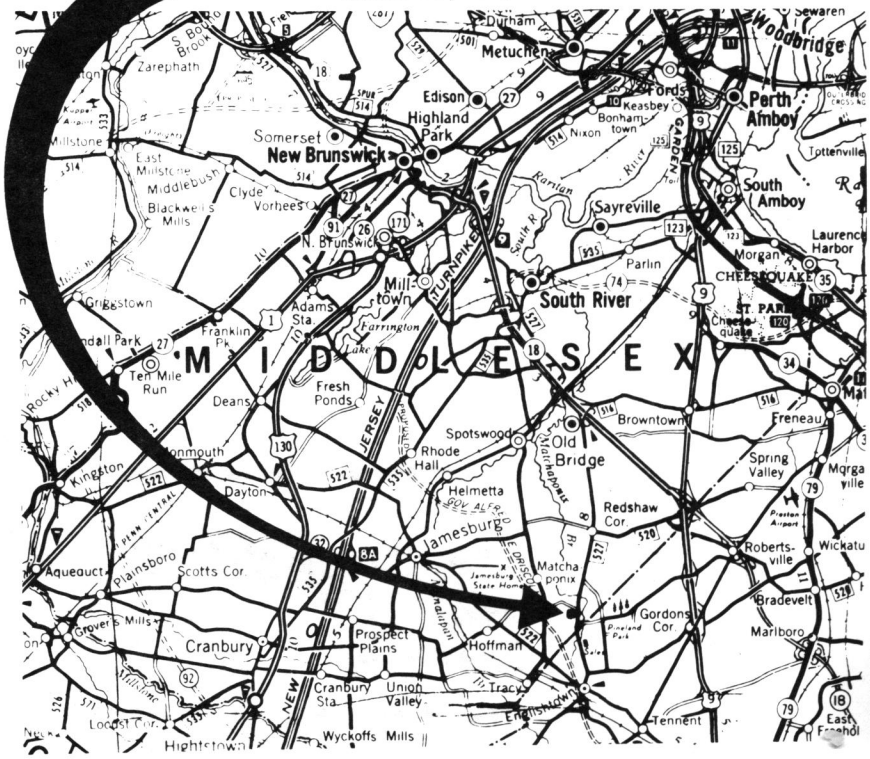
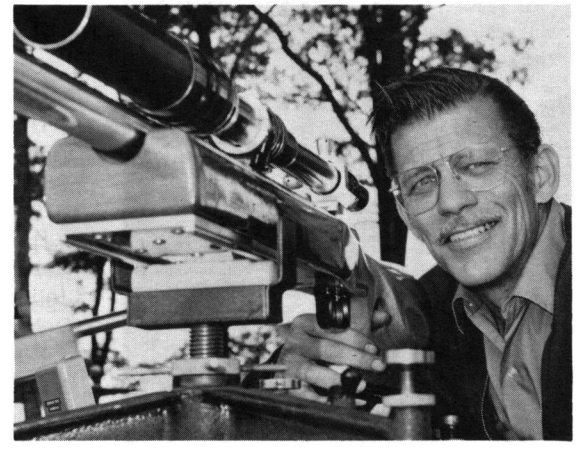


Benchrest Feature

by Lt. Col. Rick Hornbeck
R.D. 2, Box 220
Pine Bush, New York 12566



INTERNATIONAL POSTAL MATCHES — 1978

The results of the 1978 International Postal Matches have been completed by the IBS International Committee. This year's matches were entered by Australia, Canada, Italy and the USA. The IBS International Postal Medallion is awarded to each member of the top three teams in each classification of rifle. These awards are sent to the International Committee member in each country who makes the awards to the individual team members. Hopefully, our contemporaries in France and West Germany will be fully affiliated with IBS during 1979 and enter in our Postal Match activities. Preparations to that end are taking place at this time.

The USA team for the Heavy Varmint class, made up of team members Moorhead, Earp, Lent, Fournier and Lindsey, set a new Postal Match team record of .2973", bettering the old record set in 1973 by the USA team of .3125". The Light Varmint record of .2954" set by the USA team in 1977 still stands as does the Heavy Benchrest Rifle record of .3825" set by the USA team in 1977.

The placement of each USA competitor at 100 and 200 yards has been extracted from the result sheets and is listed behind each yardage aggregate. This was done to give other competitors some insight on how a performance that might not be in the top ten at one yardage can be corrected at another yardage and move the competitor up into Postal Team position. For example, in Light Varmint Lester Bruno shot fairly good, but far from the top, at 100 yards and placed 22nd. At 200 yards he came through with an excellent placement of 5th. and contributed to the winning Light Varmint team's performance. This was

1978 INTERNATIONAL POSTAL MATCHES

Teams - Australia

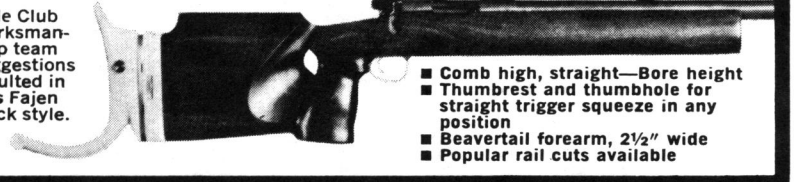
Name	100 yd. Agg.	200 yd. Agg.	Grand Agg.	Team Score
Light Varmint:				
C. Tucker	.4712"	.3892"	.4302"	
N. Weston	.4148"	.5000"	.4574"	
S. Miller	.4156"	.5010"	.4583"	
B. Atkinson	.4224"	.5562"	.4893"	
K. Wilson	.4692"	.5134"	.4913"	.4653"
Heavy Varmint:				
B. Atkinson	.2732"	.3260"	.2996"	
H. McKee	.3720"	.3530"	.3625"	
M. Leisser	.3512"	.4226"	.3869"	
S. Miller	.3452"	.4536"	.3994"	
J. Henry	.4070"	.3970"	.4020"	.3701"
Heavy Benchrest Rifle:				
J. Henry	.4490"	.5400"	.4945"	
C. Terris	.4200"	.5890"	.5045"	
A. Smith	.4170"	.5947"	.5058"	
J. Giles	.4230"	.5945"	.5087"	
H. Munster	.5660"	.5490"	.5575"	.5142"

Team Canada

Light Varmint:				
Paul Hooper	.4520"	.3587"	.4053"	
Bill Gammon	.5326"	.2957"	.4141"	
Bill Trommer	.4654"	.4132"	.4393"	
Wayne Miller	.4076"	.4789"	.4432"	
Sam Mendola	.5436"	.3774"	.4605"	.4325"
Heavy Varmint:				
Bill Trommer	.3526"	.3871"	.3698"	
Bill Gammon	.3440"	.3848"	.3644"	
Paul Hooper	.3592"	.4352"	.3972"	
Gary Hayes	.3660"	.4291"	.3975"	
Allan King	.4314"	.3981"	.4147"	.3887"
Heavy Benchrest Rifle:				
Wayne Tubman	.4948"	.4585"	.4767"	
Jack Hutchison	.4312"	.5597"	.4954"	
Charley Droeske	.3308"	.6925"	.5116"	
Brian Balazs	.4584"	.6885"	.5734"	
Reg Gale	.5480"	.7507"	.6493"	.5413"

"CHAMPIONSHIP" ANSCHUTZ TYPE THUMBHOLE FREE STYLE

Rifle Club Marksmanship team suggestions resulted in this Fajen stock style.



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Teams - Italy

Light Varmint:				
Pietro Zischka	.2099"	.2340"	.2219"	
Leo Moreali	.2915"	.3433"	.3174"	
Antonio Negri	.2821"	.4043"	.3432"	
Pizzoli Corrado	.3678"	.4051"	.3864"	
Edoardo Camilli	.4361"	.4993"	.4677"	.3473"
Heavy Varmint:				
Bruno Muzzani	.3289"	.3305"	.3297"	
Remo Caccia	.3487"	.3691"	.3589"	
Roberto Panelli	.3489"	.4963"	.4226"	
P. L. Rondanini	.4400"	.4719"	.4559"	
Paolo Ravizza	.3709"	.5459"	.4584"	.4051"

Teams - USA

Light Varmint:				
Richard Baker	.3096" (9)	.2803" (1)	.2949"	
Alan Euber	.2810" (3)	.3573" (2)	.3191"	
Ed Goff	.3018" (6)	.3850" (6)	.3434"	
David Geiger	.2482" (1)	.4436" (20)	.3459"	
Lester Bruno	.3344" (22)	.3834" (5)	.3589"	.3324"
Heavy Varmint:				
Ritchie Moorhead	.2018" (1)	.3446" (12)	.2732"	
Larry Earp Sr.	.3234" (22)	.2547" (1)	.2890"	
William Lent	.2332" (2)	.3549" (17)	.2940"	
John Fourier	.3330" (28)	.2935" (2)	.3132"	
Howard Lindsey	.2552" (4)	.3786" (30)	.3169"	.2973"
Heavy Bench Rifle:				
John Trela	.2916" (1)	.4601" (2)	.3759"	
Frank Obrochta	.4126" (6)	.4789" (3)	.4458"	
Mike Griffin	.4014" (4)	.4978" (5)	.4496"	
Paul Kempfer	.4050" (5)	.4948" (4)	.4499"	
Milan Skodacek	.3688" (3)	.6480" (8)	.5084"	.4459"

Lester's first team placement. It will also be noted that Ritchie Moorhead's fine performance on the Heavy Varmint team was a major reason for the new Postal Match record in that class.

If my records are correct, Alan Euber has been on a USA Postal Team three times, ('76, '77, '78), John Trela twice, ('75, '78), Mike Griffin twice, ('77, '78), and Paul Kempfer three times, ('72, '74, '78). Records show that two competitors have taken away a Postal Match Medallion six times. They are Miles Hollister and P. J. Hart. That's going to be a hard record for the rest of the competitors to beat over the coming years.

Team placements were as follows:

Light Varmint

1st - USA
2nd - Italy
3rd - Canada
4th - Australia

Heavy Varmint

1st - USA
2nd - Australia
3rd - Canada
4th - Italy

Heavy Benchrest Rifle

1st - USA
2nd - Australia
3rd - Canada

Out Italian contemporaries do not have Heavy Bench rifle matches at this time but there is a growing interest in Italy for this class of rifle and we may have a team entry in the future. It should be noted that the Light Varmint team from Italy was pressing the first place team from the USA with an excellent team score of .3473".

IBS Internation Committee

Rick Hornbeck - USA - IBS - Chairman
Wayne Tubman - Canada - CBRS
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(Next Page Please)

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Equipment - Australia

Light Varmint:

Name	Cal.-Action	Scope-Barrel	Gunsmith-Stocker	Load	Bullet
C. Tucker	.222	Lyman 25X	PSECO	24.0	52
	SL 40X	Shilen	McMillan	4895	GP
N. Weston	.222	Leupold 24X	PSECO	20.5	52
	SL XP100	McMillan	McMillan	4198	GP
S. Miller	6X47	Leupold 24X	Shilen	24.5	62
	D.G.A.	Shilen	Shilen	RL-7	Metzger
B. Atkinson	6X47	Leupold 24X	R.T.M.	24.5	67
	D.G.A.	Shilen	R.T.M.	RL-7	Treloar
K.Wilson	.222	Lyman 20X	M.F.A.	21.5	52
	Sako	Douglas	Sako	4198	Remington

Heavy Varmint:

B. Atkinson	6PPC	Leupold 24X	R.T.M.	29.2	70
	D.G.A.	Shilen	R.T.M.	N201	Metzger
H. McKee	.308W	Remington 20X	PSECO	39.0	168
	McKee	McMillan	Nesbitt	4740	Sierra
M. Leisser	222.5	Leup/Sieb. 30X	Shilen	25.5	52
	Shilen	Shilen	Shilen	4895	Remington
S. Miller	.222	Leupold 24X	Self	24.0	51
	OMARK	Shilen	Self	4895	Metzger
J. Henry	.308W	Leup/Sieb. 30X	PSECO	40.8	168
	SL 700	McMillan	McMillan	4895	Sierra

Heavy Benchrest Rifle:

J. Henry	.222	Leup/Sieb. 30X	PSECO	25.0	52
	SL 700	McMillan	McMillan	BCC	G-P
	.308W	Leup/Sieb. 30X	PSECO	40.8	168
	SL 700	McMillan	McMillan	4895	Sierra
C. Terris	.222	Lyman 20X	PSECO	20.5	51
	XP100	Hart	Edgley	4198	Terris
A. Smith	.222	Unertl BV20X	G. Kelton		52
	Sako	Shilen	Self	RL-7	Shelley
J. Giles	.222	Lyman 30X	PSECO	23.5	52
	660	McMillan	PSECO	4895	G-P
H. Munster	.222	Redfield 20X	G. Kelton		52
	Sako	Shilen	Self	4198	Nozler

Equipment - Canada

Light Varmint:

Name	Cal.-Action	Scope-Barrel	Gunsmith-Stocker	Load	Bullet
P. Hooper	6PPC	Leupold 24	Butler	30.0	70
	Rem-Sl	Hart	Self	H4895	McCracken
B. Gammon	6PPC	Lyman/Sie 30	Butler	29.5	68
	Shilen	Shilen	Brownell	4895	Remington
B. Trommer	6PPC	Lyman/Sie 25	Hart	28.0	68
	Rem-700	Hart	Brown	H322	Pindell
Wayne Miller	.222	Lyman/Sie 30	Forslund	21.2	53
	Rem-40X	Shilen	Forslund	RL-7	McCracken
Sam Mendola	Missing				

Heavy Varmint:

B. Trommer	6PPC	Lyman/Sie 25	Hart	28.0	68
	Rem-700	Hart	Brown	H322	Pindell
B. Gammon	6PPC	Lyman/Sie 30	Butler	29.5	68
	Shilen	Shilen	Brownell	4895	Remington
P. Hooper	6PPC	Leupold 24	Butler	30.0	70
	Rem-sl	Hart	Self	H4895	McCracken
G. Hayes	22PPC	Leupold 24	Pindell	29.5	52
	Wichita	Shilen	Self	4895	Remington
A. King	.222	Leupold 24	Hart	21.0	52
	Rem-Sl	Hart	Hart	4198	McCracken
	.308W	Leupold 24	Hart	39.0	168
	Rem-Sl	Hart	Hart	4895	McCracken

Heavy Benchrest Rifle:

W. Tubman	.308W	Redfield	Hart	46.0	168
	Hart	Hart	Hart	H380	Sierra
J. Hutchison	.308W	Redfield	Hart	41.3	168
	Rem.	Hart	Hart	H4895	Sierra
C. Droeske	6PPC	Unertl	Hart		70
	Rem.	Hart	Hart	748	Nosler
B. Balazs	308W	Redfield	Pindell		168
	Hart	Atkinson	Self		Sierra
Reg Gale	.308W	Unertl	Hart		
	Rem.	Hart	Martin		

Equipment - Italy

Name	Cal.-Action	Scope-Barrel	Case-Primer	Load	Bullet
Light Varmint:					
P. Zischka	.222 Rem.	Lyman 20	Fed.	22.8	52
	Rem. 40XBR	Remington	Fed.	ICI 3	Sierra
L. Moreali	6PPC	Leupold 24	Sako	29.8	70
	TV Precis.	Hart	Fed.	Norma 201	Hart
A. Negri	.222 Rem.	Leupold 24	RWS	20.3	52
	TB Precis.	Hart	Fed.	4198	Sierra
C. Pizzoli	.222 Rem.	Lyman 20	Fed.	21.5	52
	Rem. XP100	Hart	CCI	ICI 3	Hart
E. Camilli	.222 Rem.	Lyman 20	Fed.	20.8	52
	Rem. 700	Hart	Fed.	ICI 3	Metzger
Heavy Varmint:					
B. Muzzani	.222 Rem.	Leupold 24	Norma	21.7	52
	Rem. XP100	Hart	CCI	ICI 3	Rem.
R. Caccia	6PPC	Leupold 24	Sako	28.6	70
	Rem. XP100	Hart	Fed.	Norma 201	Hart
R. Panelli	.222 Rem.	Leupold 24	Fed.	20.9	52
	Hart	Hart	Fed.	RKK 21	Metzger
P.L. Rondanini	.222 Rem.	Redfield 16	Frontier	20.0	52
	Remington	Hart	CCI	RKK 21	Speer
P. Ravizza	6X47	Leupold 24	Rem.	29.1	70
	Shilen	Hart	CCI	Norma 203	Sierra

Equipment - USA

Name	Cal.-Action	Scope-Barrel	Gunsmith-Stocker	Load	Bullet
Light Varmint:					
R. Baker	6PPC	Leupold	Miller	28.0	70BT
	XP-100	Hart	Miller	H-322	Detsch
A. Euber	6PPC	Ly/Sieb.	Dixon	29.5	68BT
	Rem. 600 Slv.	Hart	Self	H-322	Self
E. Goff	6PPC	Ly/Sieb.	Pindell	28.0	68
	Rem. 600	Hart	Sinclair	H-322	Rem.
D. Geiger	6PPC	Leupold	Sinclair	28.5	70
	40 XBR	McMillan	Sinclair	H-322	Fifer
L. Bruno	6PPC	Lyman	Hart	26.5	62
	XPO100	Hart	Self	H-322	Hart
Heavy Varmint:					
R. Moorhead	22PPC	Lyman	Sinclair	27.5	52
	Rem. 600 Slv.	Hart	Self	H-322	Rem.
L. Earp Sr.	6PPC	3200	McMillan	25.5	65
	40X Slv.	McMillan	Self	4198	
W. Lent	6PPC	Leupold	Masker	28.0	
	Rem. 700 Slv.	Hart	Masker	H-322	Euber
J. Fournier	6PPC	Lyman	Adom		
	40X	Hart	Sinclair	4895	Rem.
H. Lindsey	6PPC	Lyman	Hart	29.5	68
	Hart	Hart	Hart	201	Rem.
Heavy Benchrest Rifle:					
J. Trela	6mmBR	Unertl	White		68
	Hart	Hart			Rem.
F. Obrochta	308	Unertl	Hart	39.5	168
	Rem.	Hart	Self	H4895	McCracken
M. Griffin	6PPC	Unertl	Kempfer	28.5	
	Kempfer	Hart	Kempfer	N201	Rem.
P. Kempfer	308	Unertl	Self	40.0	168
	Rem.	Hart	Self	4895	Sierra
M. Skodacek	6mm	Unertl	Pindell	23.0	
	Rem.	McMillan		4198	Sierra

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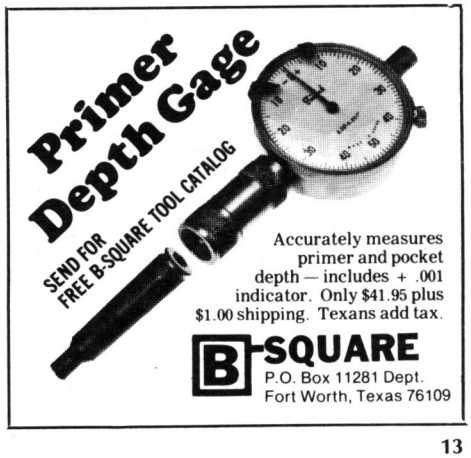
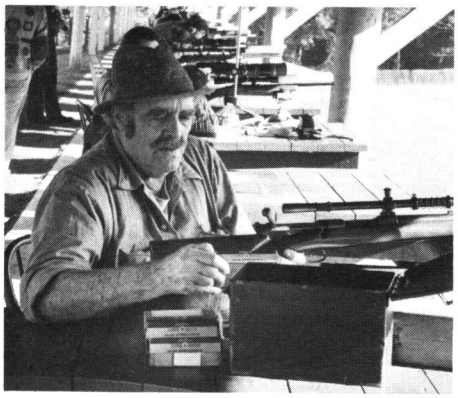


New Fixed-Cartridge Cast Bullet Records Set in National Tournament

By. C.E. Harris



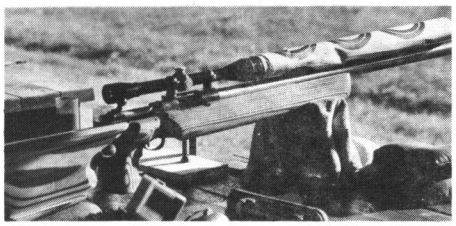
Frank Marshall, Jr. of Alexandria, VA used a Winchester Model 70 target rifle in .30-'06 with the Lyman No. 311284 bullet and 21 grs. SR-4759 to win the Grand Aggregate for score at 100 and 200 yds. for rifles in the 10-14 lb. weight class.

Competitors at the Cast Bullet Association's Second National Tournament held Sept. 16-17 at the Council Cup Range, near Wapwallopen, PA., broke 13 existing records for cast bullets loaded in fixed ammunition, and set nine new ones in categories for which CBA records had not been established.

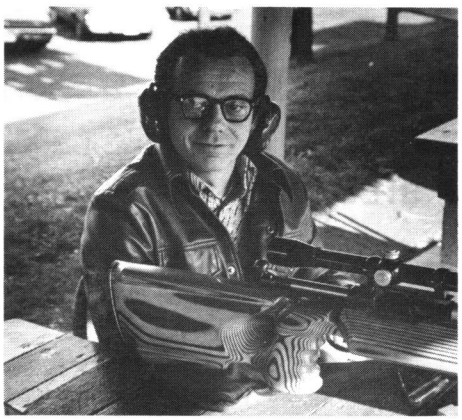
The Cast Bullet Association has as its goal the improvement of equipment and technology for cast bullet shooting in modern rifles, using fixed ammunition, and sponsors postal and shoulder-to-shoulder matches to provide a uniform and comparable basis for judging member's performance. In the year since CBA's first National Match, cast bullet expertise has improved greatly, and this was reflected in the fine scores and groups attained. Last year, Robert N. Sears of Falls Church, VA., obtained national recognition by firing a 10-shot group at 100 yds. with paper-patched bullets in his Remington 40XC rifle which measured 1.171". This year, smaller group sizes were fired in the Hunter (10 lb. rifle) class, and in the heavy rifle classes approached 1/2 m.o.a.! At the second National Tournament the winners clearly demonstrate the capability of cast bullets in rifles. CBA recognizes only 10-shot groups for national records, since 10-shots is a far more demanding test of rifle and ammunition performance.

The Grand Aggregate Benchrest for Group, of two 10-shot groups at 100 yds. and two 10-shot groups at 200 yds., was won in the Open Class (rifle and scope weighing over 14 lbs.) by Robert N. Sears, who used a Hart barreled Remington 40X in .308 to shoot an average of .876 m.o.a. In the Benchrest Class (rifle and scope heavier than 10 lbs., but less than 14 lbs.), Robert Rollins of Lexington, MA, shot an average of 1.216 m.o.a.; and in the Hunter Class, David Finch, of New Brighton, Pa., won with 1.541 m.o.a. The record small 10-shot groups at 100 yds. were .580" for Sears in the Open Class; .505" in the Benchrest Class for Warren Gannon, of North Reading, MA; and 1.136" in the Hunter Class, fired by John Gettis, of Philadelphia, PA.

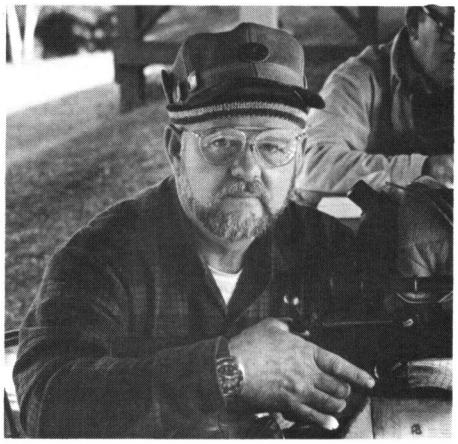
Group shooting at 200 yds. with cast bullets is a supreme challenge. This is because wind and mirage are a more important factor with these high drag projectiles than with conventional jacketed bullets fired at high velocity. The best shooting equipment in the world won't win the match for you unless you can "read" the conditions. The best 200-yd. group of 1.652" in the Open Class was fired by John Ardito, of Bedford, MA., using a Remington 40X for the .308x1-1/2" cartridge. In the Benchrest Class, Frank Marshall, of Alexandria, VA., fired a 1.894" group with his Winchester Model 70 target rifle in cal. .30-'06. The best 200-yd. group in the Hunter Class measured 2.134" and was fired with a Ruger No. 3 rifle in .30-40 Krag by David Finch of New Brighton, PA.



The rifle used by John Ardito in establishing a new 200-yd. group record was a Rem. 40X for the .308x1-1/2" with laminated stock, Hart 14" twist barrel and Leupold 24X scope.



John Ardito, of Bedford, MA, won the offhand aggregate, and the 200 yd. aggregate for group, as well as the 200-yd. aggregate for score in the Open Class.



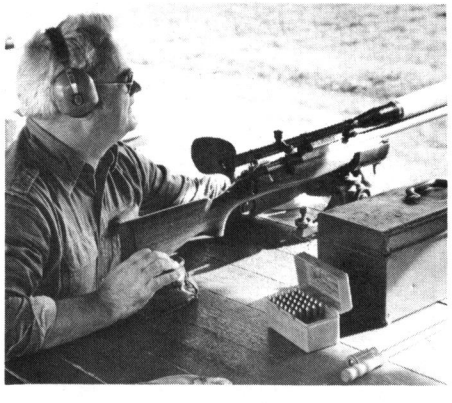
Warren Gannon, former Navy big bore shooter from North Reading, MA, is President of the Cast Bullet Assn., and a fine shooter who established a new record 10-shot 100-yd. group of .505" for rifles in the over 10 lbs. up to 14 lb. class.

Groups entered for consideration in the national records maintained by the CBA must be fired by CBA members on a range equipped with moving backers to verify the number of shots on record targets, and to detect the presence of crossfires. This is the same procedure used for benchrest records with jacketed bullets maintained by the NBRSA and IBS. Since few clubs have the facilities for maintaining moving backers, score shooting is popular. Score matches comprise most local club tournaments sanctioned by CBA. Benchrest shooting for score is done at 100 yds. on the IBS 200-yd. Hunter rifle target, which has a 1" 10 ring. The same target is also used at 200 yds., but then the 10 ring becomes the "X", the nine ring the 10, etc. If this sounds easy to you, just try it shooting cast bullets. The winner of the Grand Aggregate-Benchrest for Score, consisting of four 5-shot Hunter targets at 100 yds. and four 5-shot Hunter targets at 200 yds. was won in the Open Class by John Ardito, who fired a 390-12X out of a possible 400. In the Benchrest Class, Frank Marshall fired a 395-14X to win, pressed closely by Sid Musselman, of Chevy Chase, MD., who fired 395-8X. In the

Hunter Class, C.E. Harris of Annandale, VA, fired a 349-4X. At 200 yds. the heavy guns dominated and many of the light Hunter rifle shooters had trouble. John Ardito did well in the Open Class, firing a 195-6X out of a possible 200. In the Benchrest Class, Robert Rollins set a new record for a single target, firing a perfect 50-5X, keeping every shot on the 1" X ring at 200 yds. He went on to capture a 197-13X to win the 200-yd. aggregate for his weight class. No 200-yd. record scores were fired in the Hunter Class, so the 178-3X fired by Steve Myers of Franklin, MA., on June 17, 1978 during a CBA registered shoot sponsored by the Mass. State Rifle Assn. at the Walnut Hill Range in Woburn, MA., will stand until somebody in another club, shooting in a CBA sanctioned tournament, does better.

Offhand shooting is also popular in CBA matches. These are fired on the NRA 100-yd. Smallbore Rifle target at 100 yds. There are no restrictions on the rifle's weight or scope power, as long as it fires a cast bullet fixed in the neck of the cartridge case. No slings, palm rests, leather coats or hook-type buttplates are permitted, however. The Offhand Aggregate of four 10-shot matches fired at 100 yds. was won by John Ardito with a score of 371-6X.

Although competition is an important facet of CBA activity, many of the association's members choose not to participate, but simply read about what the good shooters are using, learning new techniques and ideas which can help their own cast bullet shooting, whether it be for targets, hunting or fun shooting. Information on match winners' scores, loads, rifles, equipment and shooting techniques are published in the bimonthly CBA newsletter, **The Fouling Shot.** The newsletter is packed with technical information about cast bullet shooting you can't get anywhere else. For instance, did you know that wheelweight metal you bought eight years ago contains about 5% antimony, but wheelweights currently made contain only about 3% antimony? Did you know you can take undersized, out of round cast bullets from standard molds and upset them to a larger diameter using a standard lubricator sizer such as the Lyman 450 or RCBS, and thereby obtain greatly improved accuracy? Is a hard or soft cast bullet more effective for hunting? Who makes the best bullet molds, lubricants and equipment? CBA members read pages and pages of this kind of information in every issue!



Robert Rollins, of Lexington, MA, fired a perfect 50-5X at 200 yds. on the IBS Hunter Rifle target with cast bullets, keeping all his shots in the 1" ring used as the "X" in CBA matches.

David Finch, of New Brighton, PA, took the Grand Aggregate for Group in the Hunter Rifle class (under 10 lbs.) using a Ruger No. 3 single-shot for the .30-40 Krag.

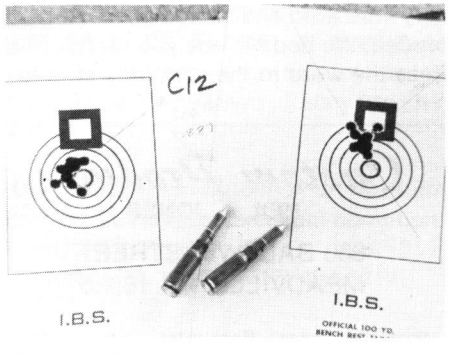
The Cast Bullet Association, Inc., is a non-profit organization chartered in Indiana, and affiliated with the National Rifle Association of America. It has members throughout the U.S. and Canada. CBA's workers are unpaid volunteers. All money over and above match expenses is returned to shooters as awards. CBA also maintains an information service. Members can have their technical questions on cast bullet shooting answered by professionals who are acknowledgeable in the fields of gunsmithing, metallurgy, engineering, ballistics, etc.

Although single-shot rifle shooters using breech seated bullets have attained amazing accuracy with their equipment, development has lagged in attainment of maximum accuracy with modern gas-check bullets loaded in fixed ammunition and shot in modern sporting rifles. Although the ASRRA and NMLRA shooters also use cast bullets and have their own governing organization, there was no national body to serve shooters interested in improving fixed cartridge technology with cast bullets until CBA came along.

Most CBA competitors use bolt action .30 cal. rifles. The most popular cartridge is the .308 Win., though the .30-'06 is used successfully by a few. There is considerable interest in smaller capacity cases such as the .30-30 Win., and specialized wildcats like the .30 Johnson (cased on a shortened, necked down .32-40 case), the .308x1-1/2" (a .308 Winchester shortened to 1.50") and others. A few shooters use smaller calibers such as the .222 or 6 mm Remington, while others occassionally use big bores such as the .45-70.

Postal matches take on a specialized flavor, pitting shooters against others with similar type rifles. There are big bore matches for rifles over .40 cal., small bore matches for rifles under .25 cal.; factory hunting rifle matches for as-is standard sporters with hunting scopes not over 6X, and .30-06 U.S. military matches for Springfields, U.S. Enfields and Garands using cast bullets. Last fall there was even an offhand match on a deer target limited to standard hunting rifles.

The Cast Bullet Association would like to know how many rifle shooters in America enjoy cast bullet shooting, either for the economy, curiosity, challenge of simply for the fun of it. CBA has something to appeal to every cast bullet shooter. Those interested in membership information may write Sidney F. Musselman, 5522 Trent Street, Chevy Chase, MD 20015.



These 10-shot targets fired at 100 yds. with cast bullets represent what can be done with fixed cartridges. Bullet used is a Saeco RG-4, loaded in the .308x1-1/2". The left group is .887 and the right one is .839. Both are 10 shot groups.

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IBS REGISTERED HUNTER RIFLE MATCH

IZAAK WALTON LEAGUE, York, Pa. Sept. 10, 1978

Name	Score	Cal	Rifle	Scope	Load	Bullet	Case	Primer
1. R. Gower*	249-14	308	Rem	Weaver	39.2 Gr	168 Gr	Fed.	Fed.
Slatington, Pa.			Atksn	6X	4895	Sierra		
2. V. Pastorella*	247-10	308	Rem.	Lyman	41 Gr	168 Gr	Fed.	Fed.
Milnesville, Pa.			Hart	6X	4895	Sierra		
3. E. Gates	246-11	308	Rem.	Weaver	41 Gr	168 Gr	Win	Fed.
Harrisburg, Pa.			Hart	T-6	4895	Sierra		
4. E. King	246-9	308	Rem.	Lyman	39 Gr	168 Gr	Fed.	Fed.
Phila., Pa.			Rem.	6X	3031	Sierra		
5. P. Irey III	245-8	308	Rem.	Weaver	42 Gr	168 Gr	Fed.	Fed.
Bloomsburg, Pa.			Rem.	6X	4064	Sierra		
6. Agnes Sabo	244-7	308	Rem.	Lyman	41 Gr	168 Gr	Fed.	Fed.
Hazleton, Pa.			Hart	6X	4895	Sierra		
7. P. Olewine	244-6	308	Rem.	Leupld	42 Gr	168 Gr	Govt.	Fed.
Dauphin, Pa.			Hart	3X9	4895	Custom		
8. Helen Long	244-5	308	Rem.	Weaver	40 Gr	168 Gr	Govt.	Fed.
Millville, Pa.			Hart	6X	4064	Sierra		
9. G. Long	243-8	308	Rem.	Lyman	39 Gr	168 Gr	Fed.	Fed.
Millville, Pa.			Hart	6X	4895	Sierra		
10. R. Linn	242-5	308	Rem.	Lyman	39 Gr	168 Gr	Fed.	CCI-BR
York, Pa.			Hart	6X	3031	Sierra		
11. R. Drexler	242-4	6HLS	Rem.	Weaver	38 Gr	85 Gr	Win.	Rem 9.5
Churchville, Pa.			Hart	6X	760	Sierra		
12. C. Eckrote	242-3	308	Rem.	Lyman	40 Gr	168 Gr	Fed.	Fed.
Drums, Pa.			Hart	6X	4064	Own		
13. W. Fink Jr.	239-6	308	Rem.	Lyman	46.5 Gr	168 Gr	Win.	CCI
Hamburg, Pa.			Rem.	6X	760	Sierra		
14. Randy Fritz	239-6	308	Rem.	Lyman	41 Gr	168 Gr	Fed.	Fed.
Bloomsburg, Pa.			Hart	6X	4064	Sierra		
15. W. Taylor	238-5	308	Rem.	Redfld	39 Gr	168 Gr	Fed.	Fed.
Tunkhannock, Pa.			Rem.	6X18	3031	Sierra		
16. L. Loucks	233-4	308	Rem.	Leupld	40 Gr	168 Gr	Win.	Rem.
York, Pa.			Dgls	6X	4895	Sierra		
Hunter								
1. K. L. Miller*	244-8	308	Rem.	Weaver	41 Gr	168 Gr	Win.	Fed.
			Hart	6X	4895	Sierra		
2. W. Wagman*	242-11	308	Rem.	Leupld	39 Gr	168 Gr	Fed.	Rem.
Dallastown, Pa.			Rem.	3.5X10	4895	Sierra		
3. R. Stiffler	238-3	6X250	Rem.	Weaver	35 Gr	62 Gr	Win.	Fed.
Shrewsbury, Pa.			Hart	T6	748	Hart		
4. Randall Fritz	235-4	6X47	Rem.	Lyman	23.5 Gr	70Gr	Rem.	Rem 7-1/2
Bloomsburg, Pa.			Hart	6X	27	Sierra		
5. J. Cowey	234-4	6X47	Rem.	Weaver	29 Gr	70 Gr	Herter	Rem.
York, Pa.			Shln	6X	748	Sierra		
MARKSMAN								
1. Todd Fritz (new)	224-2	25X308	Rem.	Lyman	43.5 Gr	75 Gr	Win.	Win 8-1/2
Bloomsburg, Pa.			Hart	6X	760	Win.		
VARMINT UNREG								
1. L. Ressler	244-6	222	40X	Lyman	24.5 Gr	52 Gr	Fed.	Rem 6-1/2
York, Pa.			Hart	20X	H335	Rem.		

Grand Agg Standing 1. G. Green 987-37 2. R. Gower 987-35 3. V. Pastorella 984-37. We had a very nice day for shooting. Cool, very little wind and scores good. Roger is tough to beat. He either shoots a 250 or a 249. Good shooting Roger. Thanks to all who attended. We hope to see you for our final shoot of the year on Sun. Oct. 15. We will also shoot Varmint for score on this final event. Pass the word to the varmint shooters.

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Trophies - 77

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	HB/UNL	1st 3 places for competitors taking part in their FIRST HB/UNL tournament
Cash	HB/UNL	$100.00 to competitor with best grand agg. shot with a varmint rifle. Donated by Myles Hollister

Competitors who would like to shoot the HB/UNL class, but do not own a Big Gun are asked to let the organizers know when they submit their registration form.

Competitors willing to allow a new shooter to double-up on their HB/UNL rifle are asked to indicate their willingness to do so on their registration form. If any Big Gun shooters have an extra rifle they are willing to lend to a beginner they are asked to indicate their willingness to do so, on the registration form.

Registrations will be mailed by Lyman Products Corporation to past attendees. New shooters, or those not on the organizers' mailing list should request registration forms from: Skip Gordon; N-73 Stedwick Village Drive; Budd Lake, NJ 07828.

Additional cash awards will be listed in the Official Program; the schedule is still being developed.

NOTE: The organizers find themselves in the proverbial "rock and a hard place" with regards to the days the Super Shoot should be scheduled. There seems to be an almost perfect 50 - 50 split between those who want the tournament conducted Thursday through Sunday, and those who prefer Friday through Monday. No matter what the schedule, many competitors are inconvenienced.

Consequently, the Super Shoot will alternate. The 1978 event was held from Thursday through Sunday; the 1979 event will be held Friday through Monday. In 1980, at Knoxville, Super Shoot VIII will get underway Thursday.

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WANTED: Good or benchrest quality 70 gr. 224 cal. bullets. Would order 1000 to 3000 per year. Charles King, R.D. 2, Box 263, Narvon, Pa. 17555 or 1-717-768-3221.

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FOR SALE: Remington 541s "Custom Sporter" 22 Rimfire, Excellent condition, $150. Jeff Stover, P. O. Box 353, Montrose, PA 18801, (717) 434-2214.

AMAZING! New Pistol Analysis Target. Instantly identifies, helps correct shooting errors. $2.00: P.A.T., Dept. PS 2, Box 1588, Staten Island, New York 10314.

FOR SALE: 22PPC Heavy Varmint, 12" Hart Sleeved Remington 600 action, Hart 2 oz trigger, Hart barrel—1,100 rounds, Brown Fiberglass stock—glued in, dies and cases, Butler gunsmithed. This is a good shooter—selling to build a new Sporter. $425.00 Alan Euber, Orwell VT 05760. 802-948-2621.

IBS INTERNATIONAL RECORDS — — —
As of January 1st, 1979

SINGLE GROUPS	EXPERIMENTAL	HEAVY BENCH REST RIFLES	HEAVY VARMINT	LIGHT VARMINT	SPORTER	3 GUN SPORTER & VARMINT AGGREGATE
5-100		.063″ Zeiser 8/30/58	.0816″ T.J. Jackson 5/27/74	.077″ C. Fountaine 9/20/75	.077″ E. Thompson 8/30/73	
5-200		.161″ D. Pickens 7/15/67	.192″ Gillman 6/24/64	.236″ F. James 8/7/69	.259″ L. Hunt 7/5/69	
5-300 Meter		.605″ Gottschall 5/9/65	.787″ Bassett 10/6/68	.887″ D. Hall 5/30/69	.817″ D. Kiel 5/30/69	
5-300 Yard			.541″ R. White 9/1/74	**.579 A. Euber 8/6/78**		
10-100		.138″ F. Pindell 8/27/69				
10-200		.298″ Miller 7/20/68				
10-300 Meter		.918″ Rinehart 8/30/57				
10-300 Yard		.813″ J. Reynolds 9/1/74				
AGGREGATES — MOA						
5-5-100		**.1776 J. Stekl 6/18/77**	**.1951 J. Vinci 6/17/78**	**.1605 P. McMillan 8/4/77**	.2306 Deming 8/19/73	
5-5-200		.2290 Engelbrecht 11/4/67	**.2335 A. Bench 10/9/75**	.2151 J. Fry 10/12/75	**.2101 G. Anderson 8/26/78**	
5-5-300 Meter		.3547 Demoise 5/14/66	.4640 Mick 5/7/67	.5527 T. Seitz 6/22/68	.4898 W. Dunn 5/30/69	
5-5-300 Yard			**.3685 G. Ocock 7/14/78**	**.3299 A. Euber 8/6/78**		
5-10-100		.2278 Cornelison 10/22/66				
5-10-200		.2496 E. Walker 8/11/62				
5-10-300 Meter		.5105 A. Angerman 6/1/69				
5-10-300 Yard		**.4282 J. Eaton 9/4/76**				
GRAND AGGREGATES — MOA						
5-5 (100 plus 200)		.2275 Carden 11/4/67	.2491 Suchan 6/26/65	**.2293 J. Fry 10/12/75**	**.2754 R. White 8/24-25/78**	**.2971 A. Euber 8/4-7/77**
5-5 (200 yard plus 300) Meter		.3639 P. Gottschall 5/9/65	.4703 Kiel 10/6/68	.5000 T. Seitz 6/22/68	.5469 W. Dunn 5/30/69	
5-5 (200 plus 300) Yard			**.3717 G. Price 8/5-6/78**	**.3469 A. Euber 8/5-6/78**		
5-10 (100 plus 200)		.2563 Roberts 8/11/62				
5-10 (200 Yard plus 300) Meter		.4627 A. Angerman 6/1/69				
5-10 (200 + 300) Yard		**.4605 J. Eaton 9/3-4/76**				

HUNTER SCORES

5-5 (100)	5-5 (200)	5-5 (100+200)
250-16x Guy Green 9/16/72	**245-5x R. Gower 9/17/78**	**490-18x R. Gower 9/16-17/78**

1,000 Yd. Benchrest

10 SHOTS 1,000 YD.

10.062″ R. Guinther 8/27/72

Central Pennsylvania Rifle Club Inc.
Dauphin, Pa. Sept. 24, 1978
IBS Registered Hunter Rifle Match

Name	Score	Scope	Rifle	Cal.	Bullet	Powder	Primer	Case
Masters								
1. Fritz, Randy* Bloomsburg, Pa.	247-11	Lpd 3x10	Rem 722	6X47	Sierra 70	No. 7 23.5	F205	Rem
2. Newhard, M.* Bloomsburg, Pa.	245-9	Lyman 6	Rem	308	Sierra 168	4064 40	F210	Fed
3 Theis, Wm. * So. Williamsport, Pa.	245-9	Lyman 6	Rem	6X47	Lyman BT 70	4895 26-1/2	F205	Fed
4. Sabo, Agnes Hazleton, Pa.	243-10	Lyman 6	Rem	308	ownH4895 168	Fed 41	Fed	
5. Pastorella, V. Milnesville, Pa.	241-9	Lyman 6	Rem	308	own 168	H4895 41	Fed	Fed
6. Gebhardt, Bill Lock Haven, Pa.	241-7	Lpd 3.5x10	Rem	308	Sierra 168	4064 41.5	210M	Fed
7. Olewine, P.F. Dauphin, Pa.	241-7	Lpd 3x9	Rem 700	308	168	4895 42	210	GI
8. Miller, K. L. Jacobus, Pa.	238-8	Weaver 6	Rem	308	Sierra 168	4895 41	210	Win
9. Wagman, W. C. Dallastown, Pa.	238-6	Lpd 3x10	Rem	308	Sierra	4895	R	E
10. Eckrote, C.C. Drums, Pa.	232-3	Lyman 6	Rem 700	308	own 168	4064 40	Fed 210	Fed
11. Gates, E. L. Harrisburg, Pa.	227-5	Weaver 6	Rem 722	243	Sierra 70	4831 39	Fed 215	Rem
Hunter								
1. Stiffler, R. A.* Shrewsbury, Pa.	240-2	6	Rem	6/250	Hart BT 62	748 35.5	Fed	Win
Marksman								
1. Fritz, Todd* Bloomsburg, Pa.	237-4	Lyman 6	600	25/308	Win 75	760 42	Win 8.5	Win

* — Awarded prize Money
Warm up match — Bill Gebhardt — 50-4.
We wish to thank all who attended our match.

C. D. McElwee.
Reporter

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(Tentative) IBS Varmint & Heavy Bench Match Schedule 1979

May 5	Englishtown	HV 100 yds only
May 12-13	Camillus	HV,LV 100 & 200 yds
May 19-20	Council Cup	HV,LV,HB
June 8-9-10	Stittsville	HV,LV,HB 100,200,300 Canadian Champs.
June 16-17	Pine Tree	HV,LV,HB (5 shot)
June 23-24	Mainville	HV,LV
June 30-July 1	South Creek	HV,LV & Penn. Varmint Championship
July 14-15	Stittsville	HV,LV,HB 200 & 300 International Champs.
July 21-22	Fairfax R&G	HV,LV (100 meter) Va. State Champs. (This match will be fired as a score shoot if range construction is not completed in time)
July 28-29	Camillus	HV,LV - NY State Varmint Champs
Aug. 4-5	Council Cup	HV,LV,HB
Aug. 11-12	Englishtown	HV,LV (100 yds only) NJ State Champs.
Aug. 23-26	Mainville	HV,LV,SP - International Varmint Champs.
Sept. 8-9	South Creek	HB International 100 & 200 yd Champs.
Sept. 22-23	Pine Tree	HV,LV,HB (5 shot)

(Tentative) IBS Hunter Match Schedule 1979

May 6	Sulphyr Spring	100 yd & Varmint for score
May 20	York (IWLA)	100 yd & Varmint for score
May 27	Sulphyr Springs	100 yd & Varmint for score
June 3	Central Penn	100 yd *
June 10	Mainville	200 yd & Varmint for score
June 17	York (IWLA)	100 yd & Varmint for score
July 7-8	Mainville	100 & 200 yd & Varmint for score Penn Htr. Champs. *
July 15	York (IWLA)	100 yd York County Championship
July 29	Sulphyr Springs	100 yd & Varmint for score
Aug. 12	Mainville	200 yd & Varmint for score
Aug. 18	Englishtown	100 yd & Varmint for score NJ Hunter Champs.
Aug. 19	York (IWLA)	200 yd & Varmint for score
Sept. 2	Central Penn	100 yd *
Sept. 15-16	York (IWLA)	100 & 200 yd International Championship *
Sept. 23	Central Penn	100 yd *
Sept. 30	Mainville	100 yd & Varmint for score
Oct. 7	Sulphyr Springs	100 yd & Varmint for score
Oct. 14	Mainville	100 yd & Varmint for score
Oct. 21	York (IWLA)	100 yd & Varmint for score
Oct. 28	Sulphyr Springs	100 yd & Varmint for score
Nov. 4	Mainville	100 yd & Varmint for score

* Starting time noon unless marked *